



STDN DAILY REPORT  
FOR GMT DAYS  
16,17 AND 18 JULY , 2001

Part I. Operations

16 JULY

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

**1. PF1/QST Support**

**16/0215-0228Z**

Static time in LEO-T header. At 196/17:00:07, the PTP was restarted due to other system problems and the time server did not sync back up with the PTP software. The operator did not notice that the time stamp was fixed until this support. EO1 orbits 3437, 3440, and 3441 also had fixed time stamps in the data headers. Following this support, the PTP was restarted again and a valid GMT time stamp on the data was verified.

CDS ID # 19226

**STATION EQUIPMENT**

LEO-T No Data/Service Loss Declared

**2. SKS/QST Support**

**16/1358-1411Z**

Loss of 4kb telemetry data. STPS1 Distribute 3 not connected for 4 KB telemetry. STPS1 Distribute 1 connected ok.

CDS ID # 19219

13 Mins 15 Secs Service/Data Loss Non-Recoverable

### **3. SKS/QST Support**

**16/1719-1722Z**

Loss of 4kb telemetry data. STPS1 Distribute 3 connected late, Distribute 1 connected ok. CDS ID # 19220

1719-1735Z 2 Mins 48 Secs Svc/Data Loss Non-Recoverable

### **4. AGS/FAST Support**

**16/1842-1843Z**

The antenna started tracking another satellite that reported AGC of 30dB. The antenna was forced into program track and then returned to autotrack. No further problems noted. CDS ID # 19233

TOTS-1 1821-1851Z 32 Seconds Data/Svc Loss Non-Recov

17 JULY

A. SN Anomalies - None.

B. ISS Anomalies:

#### **1. STGT/ISS Support**

**17/1945-1947Z**

Due to an operator error. DIR-1000 tape recorder failover was not done at the appropriate time. Fifty megabit data was received in real time. TTR 23961.

#### **OPERATOR ERROR**

TDS KSAR-1 1906-1950Z 2 Mins Service Loss

C. GN Anomalies:

#### **1. SKS/QST Support**

**17/1654-1700Z**

QuikSCAT 4kb/262kb/2Mb Data Capture Failure. SKS was unable to get lock on QuikSCAT telemetry data due to an antenna misconfiguration set during contractor testing. This problem was corrected and verified with a successful test pass on QuikSCAT orbit 10819. CDS ID # 19232

## **STATION EQUIPMENT**

5 Mins 48 Secs Data Loss Non-Recov

18 JULY

A. SN Anomalies:

### **1. STGT/STS-104 Support**

**18/1916-1938Z**

At 1940z Houston Track reported not receiving TDM'S from AOS to 1938Z. Delogs indicate the EXEC was processing JSC TDM'S. Additionally, FDF verified receiving good TDM'S during anomaly time frame. TTR # 23962

### **ANOMALY UNKNOWN**

171 1916-2012Z 21 Mins 47 Secs Service Loss

### **2. STGT/ MULTIPLE Supports**

**18/2248-2254Z**

No ODM/GCMR capability due to a T1 circuit outage caused by a cut cable on the West Coast. TTR # 23963

### **T1 CIRCUIT OUTAGE**

17 Mins 20 Secs Service Loss

B. ISS Anomalies:

### **1. STGT/ISS Support**

**18/2248-2254Z**

No ODM/GCMR capability due to a T1 circuit outage caused by a cut cable on the West Coast. TTR # 23963

## **T1 CIRCUIT OUTAGE**

2231-2318Z 5 Mins 46 Secs Service Loss

C. GN Anomalies - None.

### Part II. Testing Anomalies

A. SN Test - None.

A. GN Test - None.

### Part III. Equipment Status Changes:

SKS Telemetry and Commanding now green for support.

\$ = Changed ETRO

\*\* = New Items

### Part IV. Scheduled Activities:

1. AQUA EGS-03.3 SN END TO END TEST 1500-2030Z

2. GOES=M LAUNCH MINUS 4 HOUR MISSION SIM.  
1000-1730Z

3. TITAN IV IUS/B31 VECTOR VERIFICATION TEST  
1300-1530Z

### Part V. Forecast Changes:

1. TAURUS/ORBVVIEW-4 NET 21 AUG.,2001 T-0=1835Z